

WHAT IS CLAIMED IS:

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AB* 1. An overhead console assembly for a vehicle comprising:
2 a first console housing disposed on an inner surface of a structural
3 member of a headliner of the vehicle;

4 a second console housing disposed on the inner surface of the
5 structural member of the headliner, wherein the second console housing is spaced
6 apart from the first console housing;

7 a center console housing disposed between the first and second console
8 housings, the center console housing including at least one securement surface; and

9 at least one accessory module selectively positioned and removably
10 secured to the at least one securement surface of the center console housing for
11 storing materials, the at least one accessory module including a housing, a storage
12 area defined within the housing to retain materials within and at least one securing
13 member engaging the at least one securement surface of the center console housing.

1 2. The overhead console assembly of claim 1, wherein the center
2 console housing comprises a pair of rails extending between and secured to the first
3 and second console housings, wherein each of the spaced apart rails includes a
4 securement surface disposed about the outer periphery and an inner surface forming
5 a cavity there between.

1 3. The overhead console assembly of claim 2, wherein the pair
2 of spaced apart rails are formed of extruded aluminum.

1 4. The overhead console assembly of claim 2, wherein the pair
2 of spaced apart rails are generally cylindrical in shape.

1 5. The overhead console assembly of claim 2, wherein the at least
2 one securing member of the least one accessory module further comprises a gripping
3 portion extending from each end of a lower surface of the housing of the at least one
4 module to engage the securement surface of each of the pair of spaced apart rails.

1 6. The overhead console assembly of claim 5, wherein the
2 gripping portion extending from each end of the lower surface of the housing of the
3 at least one accessory module is arcuately shaped to engage the cylindrical outer
4 periphery of the securement surface of the pair of spaced apart rails.

1 7. The overhead console assembly of claim 1, wherein the center
2 console housing comprises an upper surface substantially flush to the inner surface
3 of the structural member of the headliner, a pair of sidewalls extending vertically
4 from the upper surface between the first and second console housings, and a cavity
5 defined there between.

1 8. The overhead console assembly of claim 7, wherein the upper
2 surface and the pair of sidewalls extending vertically from the upper surface of the
3 center console housing are integrally formed into the structural member of the
4 headliner.

1 9. The overhead console assembly of claim 8, wherein the first
2 console housing and center console housing are integrally formed as part of the
3 structural member of the headliner.

1 10. The overhead console assembly of claim 7, wherein the at least
2 one securement surface of the center console housing is an overlay placed over the
3 inner surface of the structural member of the headliner.

1 11. The overhead console assembly of claim 7, wherein the
2 housing of the at least one accessory module secured in the center console housing
3 further comprises an upper surface including the at least one securing member, a
4 lower surface forming the storage area and an overlapping flap portion extending
5 from the lower surface, wherein the overlapping flap portion is removably fastened
6 to the lower surface to enclose the storage area.

1 12. An overhead console assembly for a vehicle comprising:

2 a first console housing disposed on an inner surface of a structural
3 member of a headliner of the vehicle;

4 a second console housing disposed on the inner surface of the
5 structural member of the headliner, wherein the second console housing is spaced
6 apart from the first console housing;

7 a center console housing disposed between the first and second console
8 housings, wherein the center console housing includes at least one rail extending
9 between and secured to the first and second console housings; and

10 at least one accessory module selectively positioned and removably
11 secured to the at least one rail of the center console housing for storing materials, the
12 at least one accessory module including a housing, a storage area defined within the
13 housing to retain the materials and at least one securing member engaging the rail of
14 the center console housing.

1 13. The overhead console assembly of claim 12, wherein the at
2 least one rail of the center console housing comprises a pair of spaced apart rails
3 extending between and secured to the first and second console housings, wherein
4 each of the spaced apart rails includes a securement surface disposed about the outer
5 periphery and an inner surface forming a cavity there between.

1 14. The overhead console assembly of claim 12, wherein the pair
2 of spaced apart rails are formed of extruded aluminum.

1 15. The overhead console assembly of claim 12, wherein the pair
2 of spaced apart rails are generally cylindrical in shape.

1 Sub 05 16. The overhead console assembly of claim 12, wherein the at
2 least one securing member of the least one accessory module further comprises a
3 gripping portion extending from each end of a lower surface of the housing of the at
4 least one module to engage the securement surface of each of the pair of spaced apart
5 rails.

1 17. The overhead console assembly of claim 16, wherein the
2 gripping portion extending from each end of the lower surface of the housing of the
3 at least one accessory module is arcuately shaped to engage the cylindrical outer
4 periphery of the securement surface of the pair of spaced apart rails.

1 18. An overhead console assembly for a vehicle comprising:
2 a first console housing disposed on an inner surface of a structural
3 member of a headliner of the vehicle;

4 a second console housing disposed on the inner surface of the
5 structural member of the headliner, wherein the second console housing is spaced
6 apart from the first console housing;

7 a center console housing disposed between the first and second console
8 housings, wherein the center console housing comprises an upper surface
9 substantially flush to the inner surface of the structural member of the headliner, a
10 pair of sidewalls extending vertically from the upper surface between the first and
11 second console housings, a cavity defined there between, and at least one securement
12 surface disposed within the cavity; and

13 at least one accessory module selectively positioned and removably
14 secured in the center console housing, the at least one module comprising a lower
15 surface, an overlapping flap portion extending from the lower surface a storage area
16 formed between the lower surface and flap portion and an upper surface having at
17 least one securing member attached thereto for securing the at least one module in
18 the center console housing.

1 19. The overhead console assembly of claim 18, wherein the first
2 console housing and center console housing are integrally formed as part of the
3 structural member of the headliner.

1 20. The overhead console assembly of claim 18, wherein the
2 overlapping flap portion of the at least one accessory module is removably fastened
3 to the lower surface of the at least one module to enclose the storage area.

1 ~~20~~ ²¹ 21. The overhead console of claim ~~18~~ ¹⁷, wherein the at least one
2 securing member of the at least one accessory module is a hook and loop fastening
3 panel secured to the upper surface of the at least one module.

1 ~~21~~ ²² 22. The overhead console assembly of claim ~~21~~ ²⁰, wherein the at
2 least one securement surface of the center console housing is an overlay placed over
3 the inner surface of the structural member of the headliner.

1 ~~22~~ ²³ 23. The overhead console assembly of claim ~~21~~ ²⁰, wherein the at
2 least one securement surface of the center console housing is a hook and loop
3 fastening panel secured within the cavity of the center console housing.

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